

03508.003336.



PATENT

*CofS*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent of:	)	
	:	Examiner: C.D. Rodee
KENJI OKADO ET AL.	)	
	:	Group Art Unit: 1756
Appln. No.: 10/081,844	)	
	:	
Filed: February, 25 2002	)	
	:	
For: REPLENISHING DEVELOPER	)	
AND DEVELOPING METHOD	:	
	)	
U.S. Patent No.: 6,936,394 B2	:	
	)	
Issued: August 30, 2005	:	November 29, 2005

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF CORRECTION  
UNDER RULES 322 AND 323

**Certificate**  
**DEC 02 2005**  
**of Correction**

Sir:

It is respectfully requested that a Certificate of Correction be issued by the Patent and Trademark Office due to errors which appear in the printed patent as a result of Patent and Trademark Office mistakes, and mistakes of a clerical, typographical, or minor character, which were not the fault of the Patent and Trademark Office. A Certificate of Correction form, in duplicate, is enclosed.

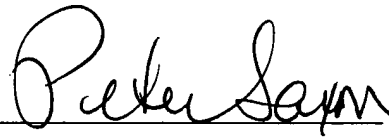
11/30/2005 SZEWDIE1 00000150 10081844  
01 FC:1811 100.00 OP

DEC 5 2005

Accompanying this letter is a check for \$100.00 to cover the statutory fee for such Certificate of Correction.

Patentees' undersigned attorney may be reached in our New York office by telephone at (212) 218-2100. All correspondence should continue to be directed to our address given below.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Peter Saxon", written over a horizontal line.

Peter Saxon  
Attorney for Patentees  
Registration No. 24,947

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
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NY\_Main 537672v1

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DATED : August 30, 2005

INVENTOR(S) : KENJI OKADO ET AL.

Page 1 of 10

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ON THE TITLE PAGE [56] REFERENCES CITED:

Foreign Patent Documents, "3610231 A" should read --36-10231 A-- and  
"56159654 A" should read --56-159654 A--.

COLUMN 1:

Line 38, "JP=A" should read --JP-A--.

COLUMN 2:

Line 34, "an" should read --and--; and  
Line 50, "having," should read --having--.

COLUMN 4:

Line 14, "15-6  $\mu\text{m}$ ," should read --15-60  $\mu\text{m}$ --; and  
Line 42, "images" should read --image--.

COLUMN 5:

Line 34, "particularly" should read --particularly--;  
Line 59, " $\text{MO}\cdot\text{Fe}_2\text{O}_3$ " should read -- $\text{MO}\cdot\text{Fe}_2\text{O}_3$ --; and  
Line 60, " $\text{M}\cdot\text{Fe}_2\text{O}_4$ " should read -- $\text{M}\cdot\text{Fe}_2\text{O}_4$ --.

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COLUMN 9:

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Line 39, "at 6 10," should read --at 6-10,--.

COLUMN 12:

Line 24, "γ-aminopropyltriethoxyslane," should read  
--γ-aminopropyltriethoxysilane,--.

COLUMN 13:

Line 62, "3-8 μm.," should read --3-8 μm.--.

COLUMN 14:

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Line 16, "83," should read --803,--;

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Line 41, "(<sub>SBET</sub>)" should read --(<sub>BET</sub>)--.

COLUMN 24:

Line 1, "as" should read --as to--;

Line 4, "represented" should read --represented in--; and

Line 16, "divinylclorosilane," should read --divinylchlorosilane,--.

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Line 65, "enclose" should read --encloses--.

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Line 2, "of repetition" (first occurrence) should be deleted.

COLUMN 29:

Line 15, "appropriate" should read --appropriately--;  
Line 21, "ordinary" should read --ordinarily-- and  
Line 47, "drum 10" should read --drum 101.--

COLUMN 32:

Line 62, "roller 8" should read --roller 81.--.

COLUMN 33:

Line 26, "1 ml/1-CaCl<sub>2</sub>" should read --1.0 ml/1-CaCl<sub>2</sub>--;  
Line 28, "pH 6" should read --pH 6.2--; and  
Line 56, "6.2" should read "6.2".

COLUMN 34:

Line 11, "95 m/g" should read --95 m<sup>2</sup>/g--; and  
Line 13, "100 wt. part" should read --100 wt. parts--.

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COLUMN 37:

Line 49, "isoropoxytriisostearoyl" should read --isopropoxytriisostearoyl--.

COLUMN 38:

Line 24, "32° C./90%" should read --32.5° C./90%--.

COLUMN 39:

Line 15, "20" should be deleted.

COLUMN 40:

Line 22, "attributable" should read --attributable to--.

COLUMN 41:

Line 37, "57 liter" should read --57 liters--;

Line 39, "9%" should read --9.9%--;

Line 46, "6.5 liter" should read --6.5 liters-- and "aqueous" should read --aqueous solution--; and

Line 60, "Hydiophobic" should read --Hydrophobic--.

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COLUMN 42:

Line 2, "was" should read --were--;  
Line 3, "1 liter-plastic" should read --1 liter plastic--;  
Line 36, "METTER" should read --METER--;  
Line 39, "include" should read --includes--;  
Line 57, "57 liter" should read --57 liters--; and  
Line 66, "6.5 liter" should read --6.5 liters--.

COLUMN 43:

Line 6, "10 liter" should read --10 liters--.

COLUMN 45:

Line 41, "was" should read --were--;  
Line 48, "γ-aminopropyltrimethoxysilane" should read  
--γ-aminopropyltrimethoxysilane--; and  
Line 64, "γ-aminopropyltri-methoxysilane" should read  
--γ-aminopropyltrimethoxysilane--.

COLUMN 47:

Table 4, "SG<sub>r</sub>" should read --SG<sub>t</sub> --.

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COLUMN 48:

Lines 5-15,

Styrene	160 wt. parts
n-Butyl acrylate	34 wt. parts
Copper phthalocyanine pigment	12 wt. parts
Di-t-butylsalicylic acid metal compound	2 wt. parts
“ Saturated polyester (acid value = 10 mgKOH/g, peak molecular weight = 8500)	10 wt. parts ”
Monoester wax	20 wt. parts

(Mw = 500, Mn = 400, Mw/Mn = 1.25, melting point = 69° C., vickers hardness = 1.1, solubility parameter (SP) value = 8.6)

should read

Styrene	160 wt. parts
n-Butyl acrylate	34 wt. parts
Copper phthalocyanine pigment	12 wt. parts
Di-t-butylsalicylic acid metal compound	2 wt. parts
-- Saturated polyester (acid value = 10 mgKOH/g, peak molecular weight = 8500)	10 wt. parts --
Monoester wax	20 wt. parts

(Mw = 500, Mn = 400, Mw/Mn = 1.25, melting point = 69° C., vickers hardness = 1.1, solubility parameter (SP) value = 8.6)

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COLUMN 49:

Line 29, "hexamethyl-disilazane)." should read --hexamethyldisilazane).--;  
Line 33, "hexamethyl-disilazane)." should read --hexamethyldisilazane).--;  
Line 40, "copper-phthalocyanine" should read --copper phthalocyanine--;  
Line 46, "copper-phthalocyanine" should read --copper phthalocyanine--;  
Line 51, "pigment instead of the" should read --pigment--;  
Line 52, "copper-phthalocyanine pigment." should be deleted; and  
Line 64, "foam" should read --form--.

COLUMN 50:

Line 2, "FIG." should read --FIG. 5--;  
Line 8, "apply" should read --applying--;  
Line 9, "VAC" should read --V<sub>AC</sub>--; and  
Line 32, "image a" should read --image (a--.

COLUMN 51:

Line 3, "formation" should read --formation on--;  
Line 5, "wax" should read --was--;  
Line 11, "formation" should read --formation on--;  
Line 49, "than" should read --than in--; and  
Line 66, "than" should read --than in--.

COLUMN 52:

Line 28, "than" should read --than in--;  
Line 42, "than" should read --than in--;  
Line 51, "than" should read --than in--; and  
Line 63, "than" should read --than in--.

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COLUMN 53:

Line 12, "than" should read --than in--.

COLUMN 54:

Line 52, "than" should read --than in--; and  
Table 5, "Image density (DI. 5)" should read --Image density (I.D. 1.5)--.

COLUMN 55:

Table 5, "Image density (DI. 5)" should read --Image density (I.D. 1.5)--.

COLUMN 57:

Line 38, "comprise" should read --comprises--;  
Line 47, " $(\delta_{1000})$ " should read -- $(\sigma_{1000})$ --;  
Line 49, " $(\delta_r)$ " should read -- $(\sigma_r)$ --;  
Line 50, " $(\delta_r)$ " should read -- $(\sigma_r)$ --;  
Line 54, "stated" should read --state--;  
Line 59, " $\delta_r$ " should read -- $\sigma_r$ --;  
Line 62, " $1.0 \leq d/\delta_r < 30.0$ ." should read -- $1.0 \leq d/\sigma_r < 30.0$ --;  
Line 64, " $\delta_r$ " should read -- $\sigma_r$ --; and  
Line 67, " $5.1 \leq d/\delta_r \leq 12.3$ ." should read -- $5.0 \leq d/\sigma_r \leq 12.3$ --.

COLUMN 58:

Line 36, "claims 2-13 or 14-19." should read --claims 2-19--; and  
Line 44, "2-50 wt" should read --2-50 wt--.

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COLUMN 59:

Line 4, " $(\delta_{1000})$ " should read  $--(\sigma_{1000})--$ ;

Line 6, " $(\delta_r)$ " should read  $--(\sigma_r)--$ ;

Line 24, "comprise" should read --comprises--;

Line 34, " $(\delta_r)$ " should read  $--(\sigma_r)--$ ;

Line 38, "stated" should read --state--;

Line 43, " $\delta_r$ " should read  $--\sigma_r--$ ;

Line 59, " $1.0 \leq d/\delta_r < 30.0$ ." should read  $--1.0 \leq d/\sigma_r < 30.0.--$ ;

Line 49, " $\delta_r$ " should read  $--\sigma_r--$ ;

Line 52, " $5.1 \leq d/\delta_r \leq 12.3$ ." should read  $--5.1 \leq d/\sigma_r \leq 12.3.--$ .

COLUMN 60:

Line 37, "2-50 wt" should read --2-50 wt.--;

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Line 60, "Hydiophobic" should read --Hydrophobic--.

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PATENT NO. US 6,936,394 B2

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**CERTIFICATE OF CORRECTION**

PATENT NO. : US 6,936,394 B2

DATED : August 30, 2005

INVENTOR(S) : KENJI OKADO ET AL.

Page 6 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 42:

Line 2, "was" should read --were--;  
Line 3, "1 liter-plastic" should read --1 liter plastic--;  
Line 36, "METTER" should read --METER--;  
Line 39, "include" should read --includes--;  
Line 57, "57 liter" should read --57 liters--; and  
Line 66, "6.5 liter" should read --6.5 liters--.

COLUMN 43:

Line 6, "10 liter" should read --10 liters--.

COLUMN 45:

Line 41, "was" should read --were--;  
Line 48, "γ-aminopropyltrimethoxysilane" should read  
--γ-aminopropyltrimethoxysilane--; and  
Line 64, "γ-aminopropyltri-methoxysilane" should read  
--γ-aminopropyltrimethoxysilane--.

COLUMN 47:

Table 4, "SG<sub>i</sub>" should read --SG<sub>i</sub> --.

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Page 7 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 48:

Lines 5-15,

Styrene	160 wt. parts
n-Butyl acrylate	34 wt. parts
Copper phthalocyanine pigment	12 wt. parts
Di-t-butylsalicylic acid metal compound	2 wt. parts
“ Saturated polyester (acid value = 10 mgKOH/g, peak molecular weight = 8500)	10 wt. parts ”
Monoester wax	20 wt. parts
(Mw = 500, Mn = 400, Mw/Mn = 1.25, melting point = 69° C., vickers hardness = 1.1, solubility parameter (SP) value = 8.6)	

should read

Styrene	160 wt. parts
n-Butyl acrylate	34 wt. parts
Copper phthalocyanine pigment	12 wt. parts
Di-t-butylsalicylic acid metal compound	2 wt. parts
-- Saturated polyester (acid value = 10 mgKOH/g, peak molecular weight = 8500)	10 wt. parts --
Monoester wax	20 wt. parts
(Mw = 500, Mn = 400, Mw/Mn = 1.25, melting point = 69° C., vickers hardness = 1.1, solubility parameter (SP) value = 8.6)	

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Page 8 of 10

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

COLUMN 49:

Line 29, "hexamethyl-disilazane)." should read --hexamethyldisilazane).--;  
Line 33, "hexamethyl-disilazane)." should read --hexamethyldisilazane).--;  
Line 40, "copper-phthalocyanine" should read --copper phthalocyanine--;  
Line 46, "copper-phthalocyanine" should read --copper phthalocyanine--;  
Line 51, "pigment instead of the" should read --pigment--;  
Line 52, "copper-phthalocyanine pigment." should be deleted; and  
Line 64, "foam" should read --form--.

COLUMN 50:

Line 2, "FIG." should read --FIG. 5--;  
Line 8, "apply" should read --applying--;  
Line 9, "VAC" should read --V<sub>AC</sub>--; and  
Line 32, "image a" should read --image (a--.

COLUMN 51:

Line 3, "formation" should read --formation on--;  
Line 5, "wax" should read --was--;  
Line 11, "formation" should read --formation on--;  
Line 49, "than" should read --than in--; and  
Line 66, "than" should read --than in--.

COLUMN 52:

Line 28, "than" should read --than in--;  
Line 42, "than" should read --than in--;  
Line 51, "than" should read --than in--; and  
Line 63, "than" should read --than in--.

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COLUMN 53:

Line 12, "than" should read --than in--.

COLUMN 54:

Line 52, "than" should read --than in--; and  
Table 5, "Image density (DI. 5)" should read --Image density (I.D. 1.5)--.

COLUMN 55:

Table 5, "Image density (DI. 5)" should read --Image density (I.D. 1.5)--.

COLUMN 57:

Line 38, "comprise" should read --comprises--;  
Line 47, " $(\delta_{1000})$ " should read  $-(\sigma_{1000})$ --;  
Line 49, " $(\delta_r)$ " should read  $-(\sigma_r)$ --;  
Line 50, " $(\delta_r)$ " should read  $-(\sigma_r)$ --;  
Line 54, "stated" should read --state--;  
Line 59, " $\delta_r$ " should read  $-\sigma_r$ --;  
Line 62, " $1.0 \leq d/\delta_r < 30.0$ ." should read  $1.0 \leq d/\sigma_r < 30.0$ --;  
Line 64, " $\delta_r$ " should read  $-\sigma_r$ --; and  
Line 67, " $5.1 \leq d/\delta_r \leq 12.3$ ." should read  $5.0 \leq d/\sigma_r \leq 12.3$ --.

COLUMN 58:

Line 36, "claims 2-13 or 14-19." should read --claims 2-19.--; and  
Line 44, "2-50 wt" should read --2-50 wt.--.

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COLUMN 59:

Line 4, " $(\delta_{1000})$ " should read  $-(\sigma_{1000})$ --;  
Line 6, " $(\delta_r)$ " should read  $-(\sigma_r)$ --;  
Line 24, "comprise" should read --comprises--;  
Line 34, " $(\delta_r)$ " should read  $-(\sigma_r)$ --;  
Line 38, "stated" should read --state--;  
Line 43, " $\delta_r$ " should read  $-\sigma_r$ --;  
Line 59, " $1.0 \leq d/\delta_r < 30.0$ ." should read  $1.0 \leq d/\sigma_r < 30.0$ --;  
Line 49, " $\delta_r$ " should read  $-\sigma_r$ --;  
Line 52, " $5.1 \leq d/\delta_r \leq 12.3$ ." should read  $5.1 \leq d/\sigma_r \leq 12.3$ --.

COLUMN 60:

Line 37, "2-50 wt" should read --2-50 wt.--;  
Line 43, " $(\delta_{1000})$ " should read  $-(\sigma_{1000})$ --; and  
Line 45, " $(\delta_r)$ " should read  $-(\sigma_r)$ --.

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